

What is claimed is:

1. An electric rotating machine for vehicle comprising: a rotor fixed onto a rotating shaft disposed in a housing, a stator core disposed opposite to said rotor, a stator winding wound around said stator core, and a three-phase output terminal to which a lead wire of said stator winding is connected;

wherein said lead wire is connected to said three-phase output terminal through a single metallic terminal.

2. An electric rotating machine for vehicle comprising: a rotor fixed onto a rotating shaft disposed in a housing, a stator core disposed opposite to said rotor, a stator winding wound around said stator core, and a three-phase output terminal to which a lead wire of said stator winding is connected;

wherein said lead wire is directly connected to said three-phase output terminal.

3. An electric rotating machine for vehicle according to claim 1, wherein a screw connects said lead wire to said three-phase output terminal.

4. An electric rotating machine for vehicle according to claim 2, wherein a screw connects said lead wire to said three-phase output terminal.

5. An electric rotating machine for vehicle according to claim 1, wherein a nut connects said lead wire to said three-phase output terminal.

6. An electric rotating machine for vehicle according to claim 2, wherein a nut connects said lead wire to said three-phase output terminal.

7. An electric rotating machine for vehicle according to claim 2, wherein said lead wire and said three-phase output terminal are connected by welding.

8. An electric rotating machine for vehicle according to claim 2, wherein said lead wire and said three-phase output terminal are connected by caulking.

9. An electric rotating machine for vehicle according to claim 2, wherein said lead wire and said three-phase output terminal are connected by brazing.

10. An electric rotating machine for vehicle according to claim 1, wherein a connection part between said lead wire and said three-phase output terminal is disposed at a head portion of said three-phase output terminal.

11. An electric rotating machine for vehicle according to claim 2, wherein the connection part between said lead wire and said three-phase output terminal is disposed at a head portion of said three-phase output terminal.

12. An electric rotating machine for vehicle according to claim 1, wherein the connection part between said lead wire and said three-phase output terminal is disposed at an internal part of said housing.

13. An electric rotating machine for vehicle according to claim 2, wherein the connection part between said lead wire and said three-phase output terminal is disposed at an internal part of said housing.

14. An electric rotating machine for vehicle according to claim 1, wherein a cooling system for cooling around said lead wire is of air-cooling type.

15. An electric rotating machine for vehicle according to claim 2, wherein a cooling system for cooling around said lead wire is of air-cooling type.